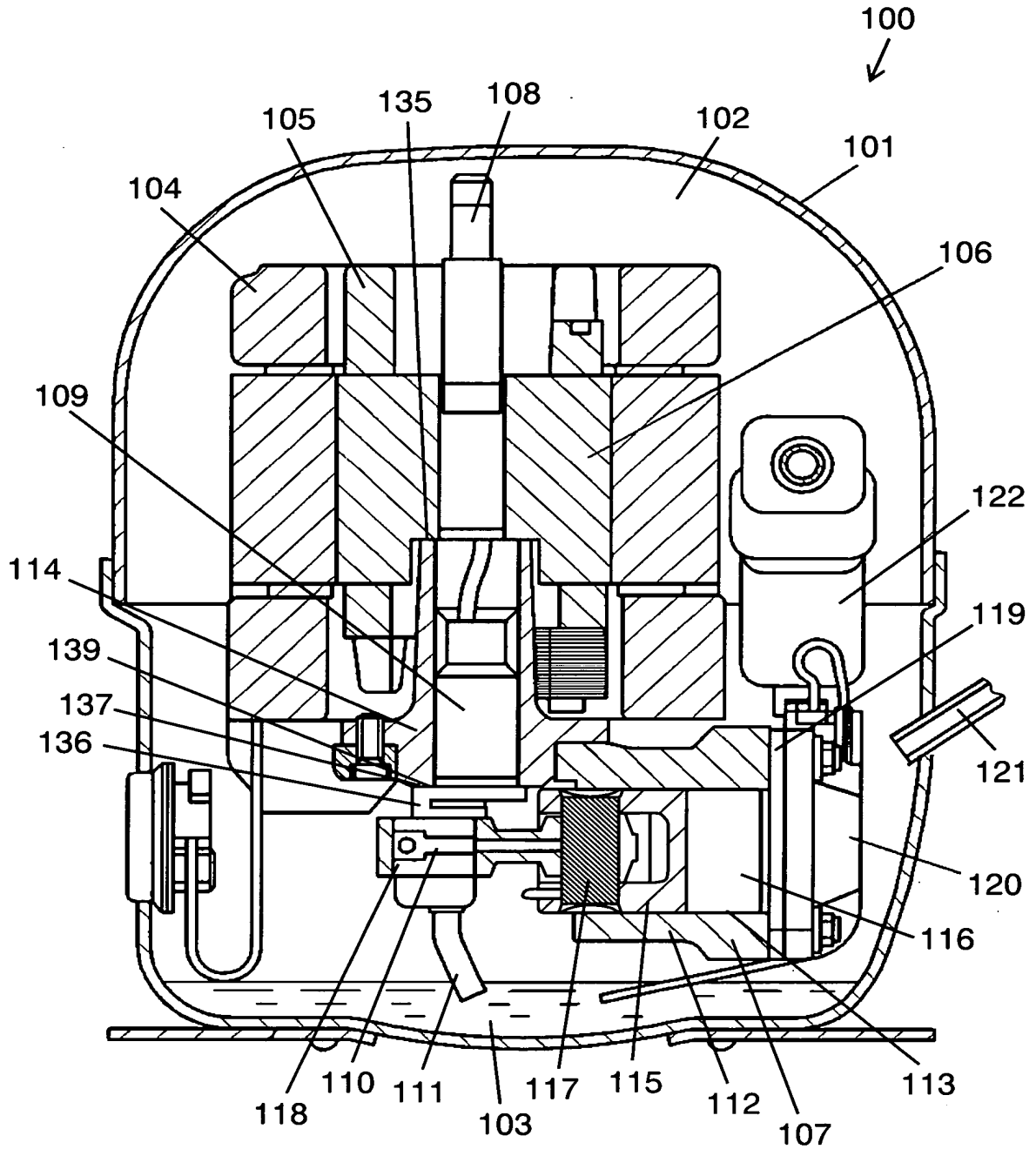


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FIG. 1



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FIG. 2

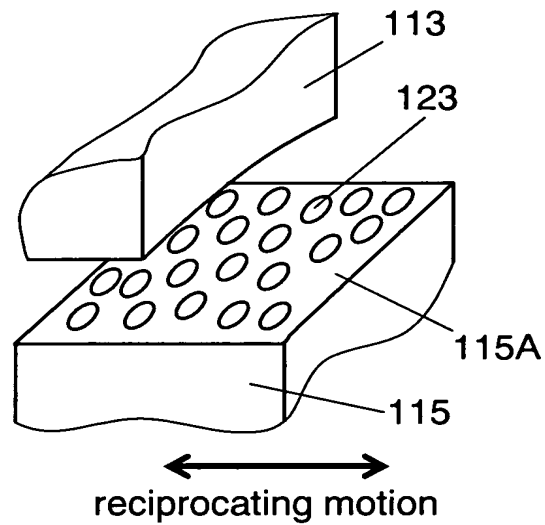


FIG. 3

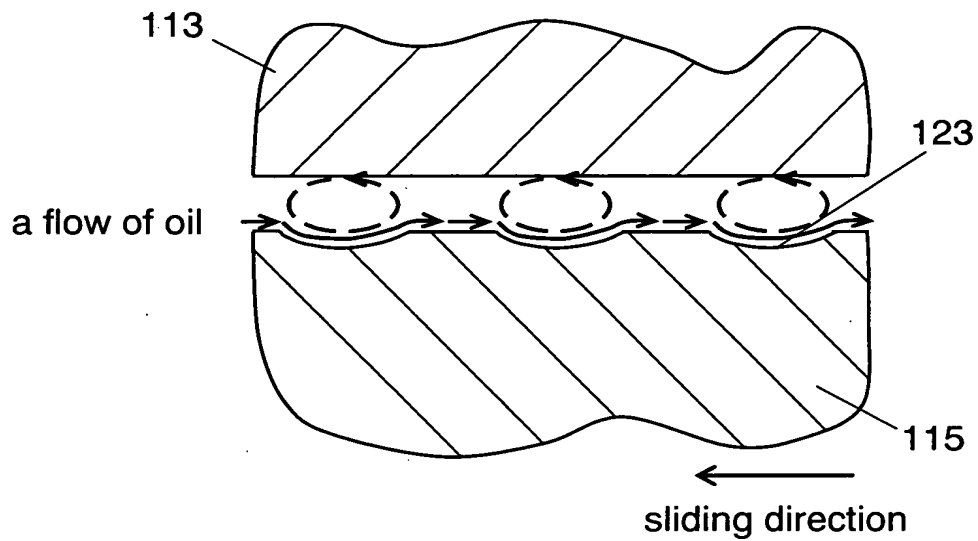
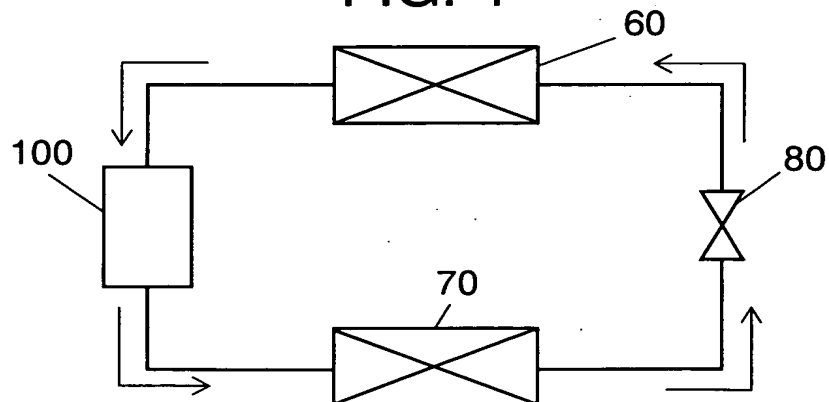


FIG. 4



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FIG. 5

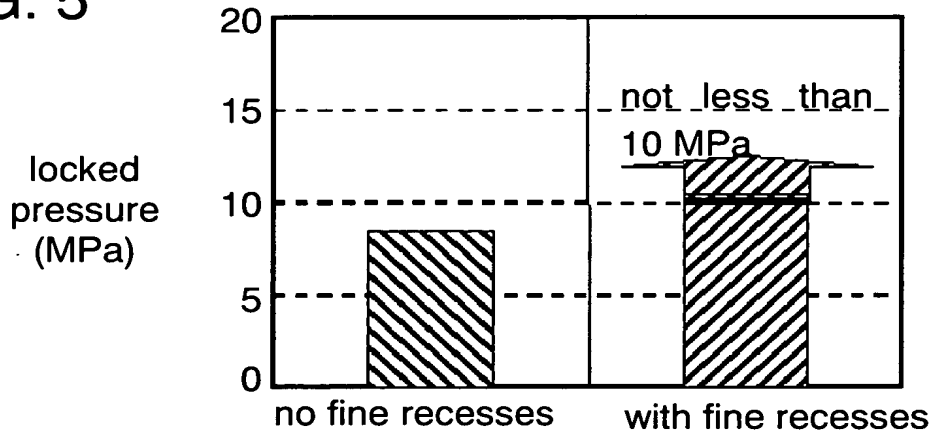


FIG. 6

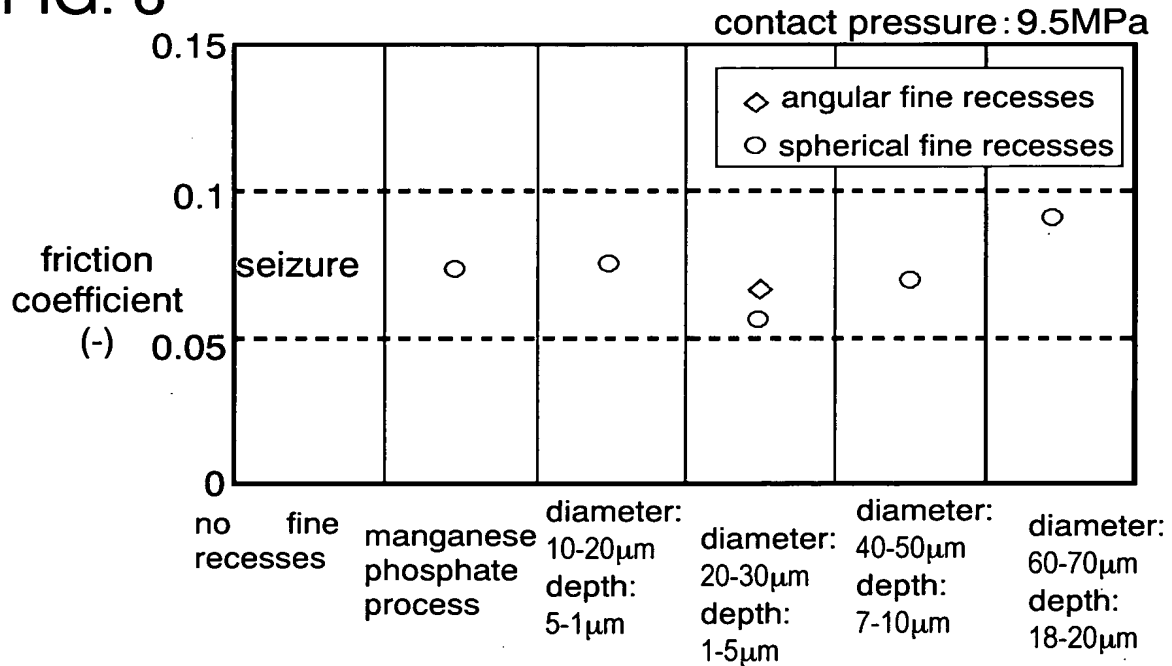
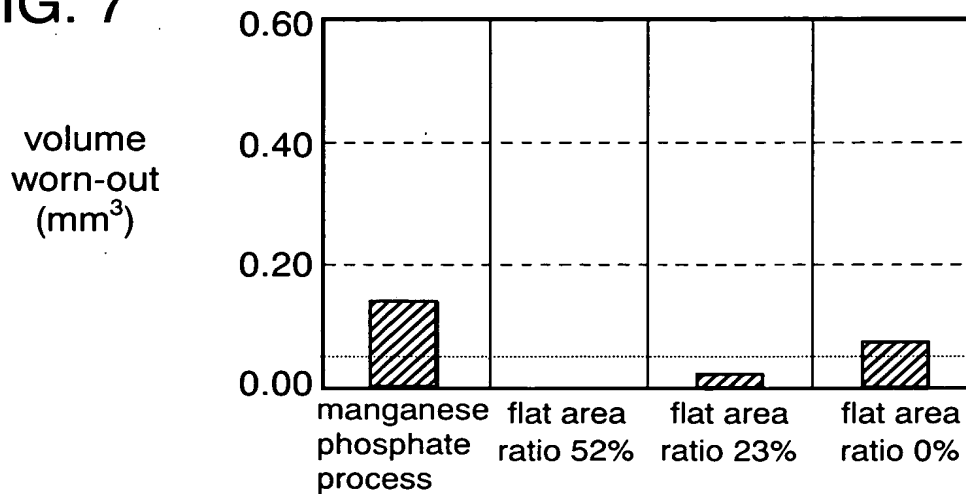


FIG. 7



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FIG. 8

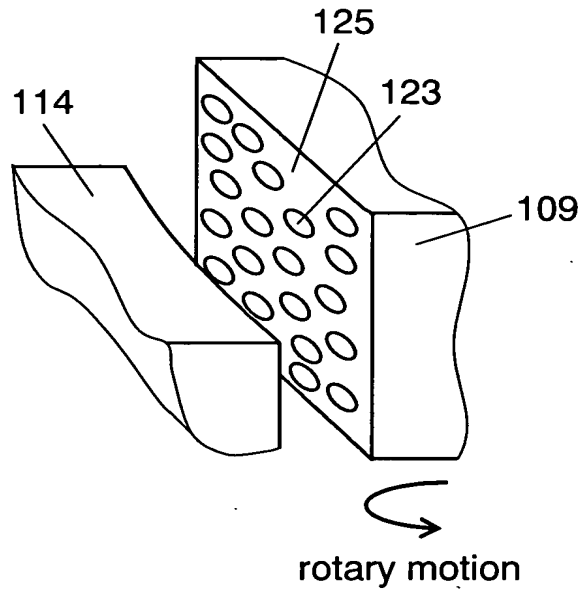
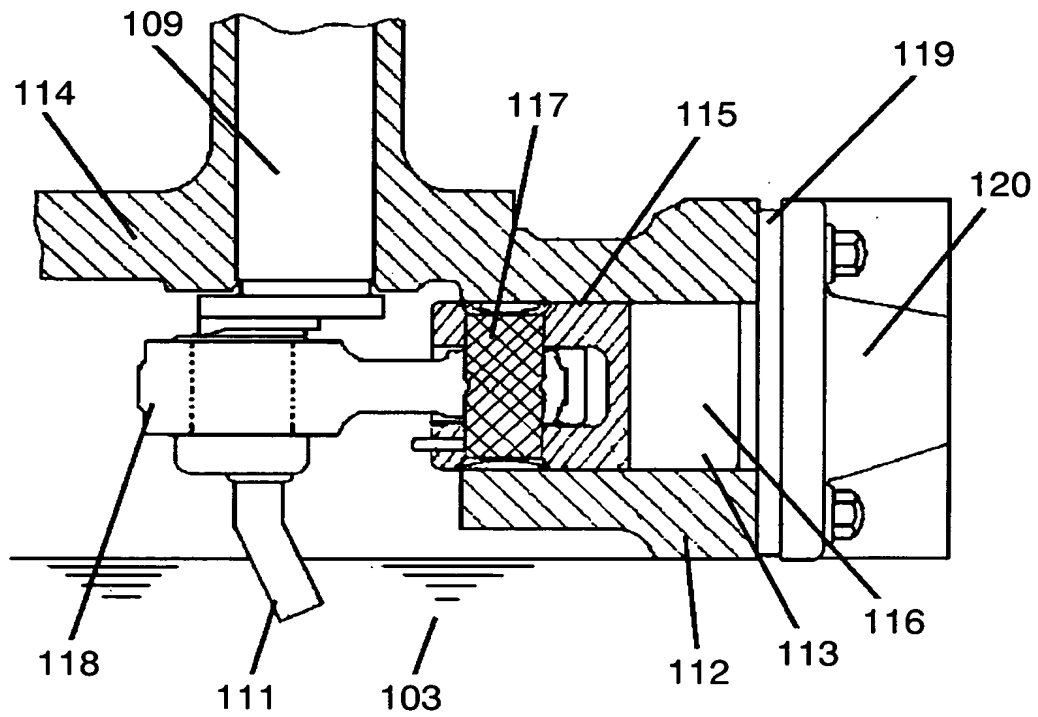


FIG. 9



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FIG. 10

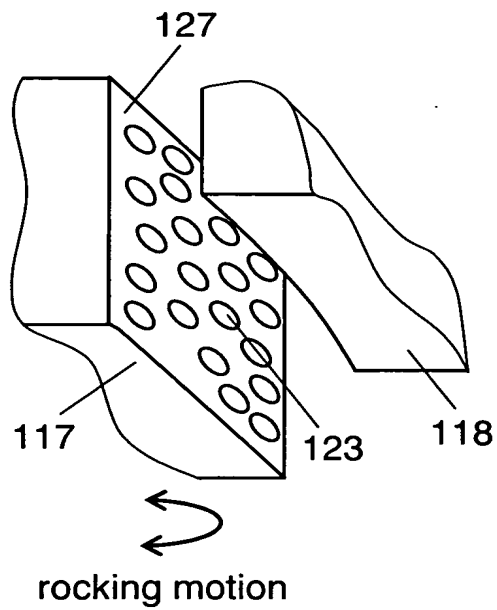
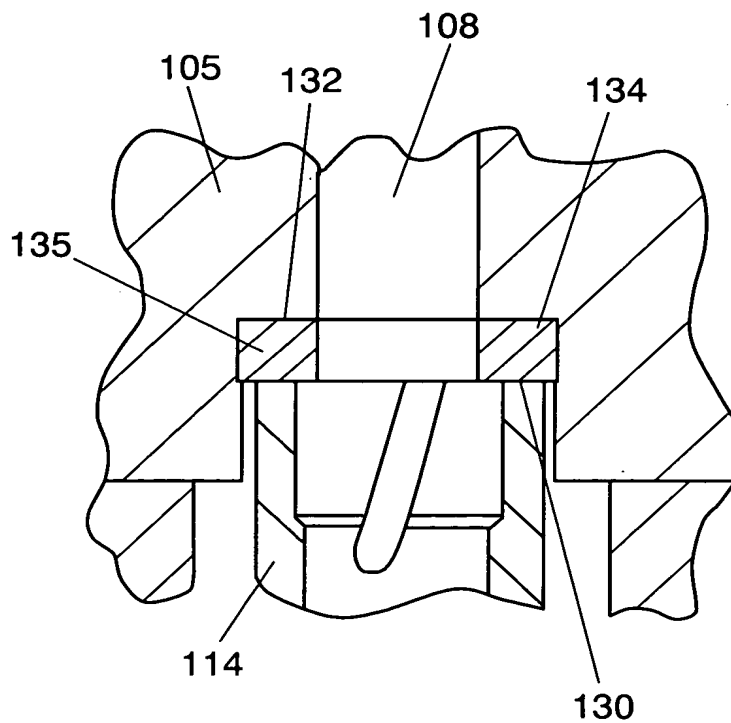


FIG. 11



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FIG. 12

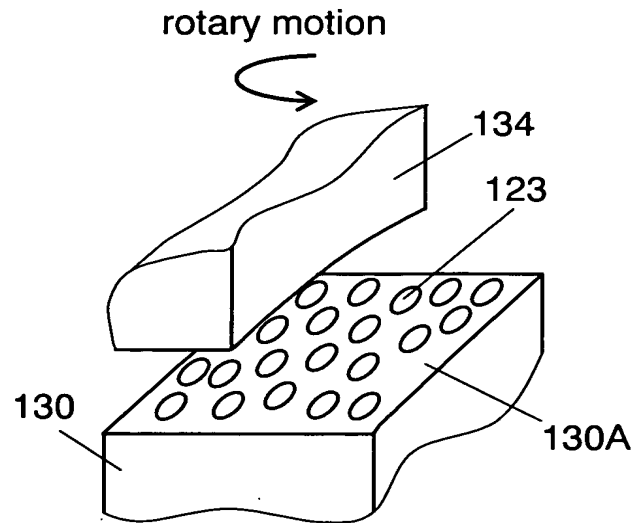
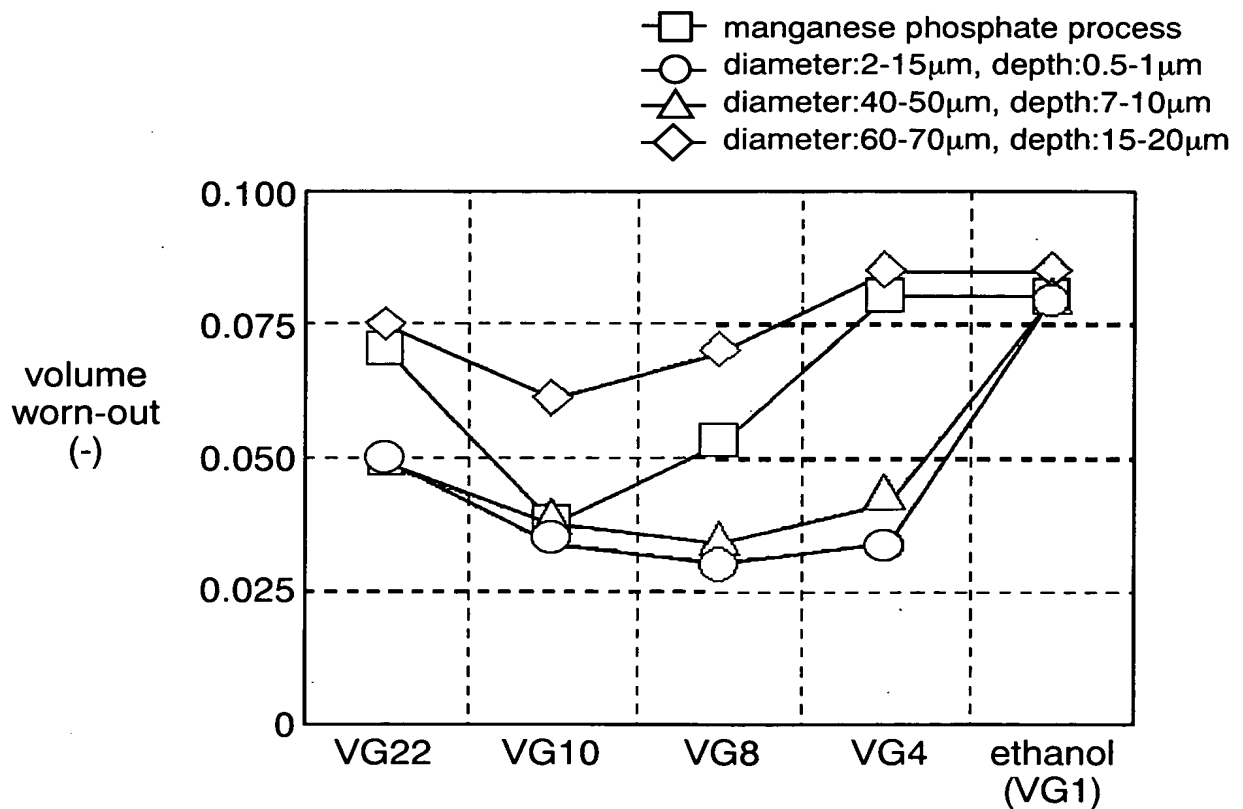


FIG. 13



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FIG. 14

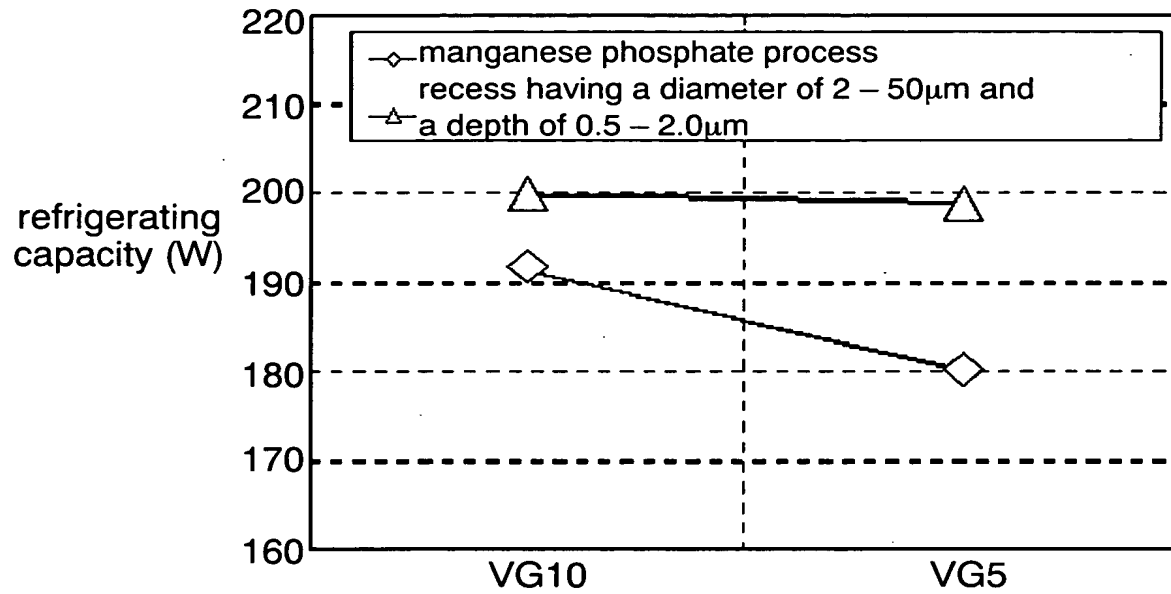


FIG. 15

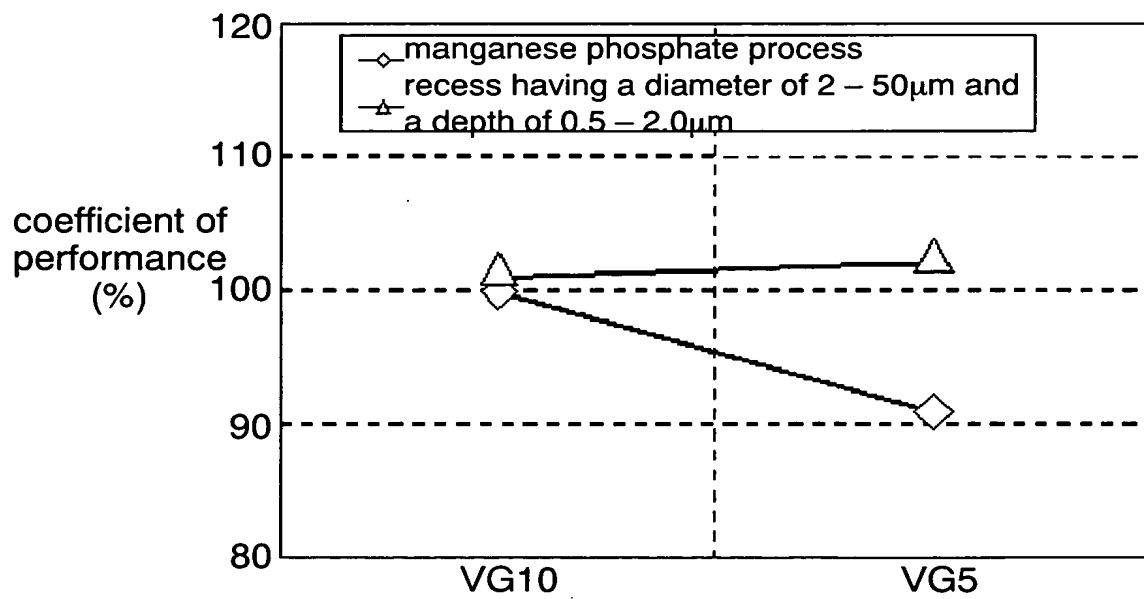
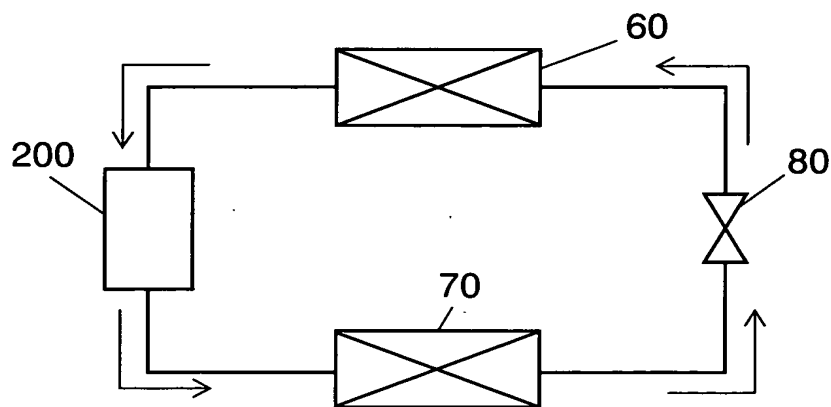


FIG. 16





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FIG. 18

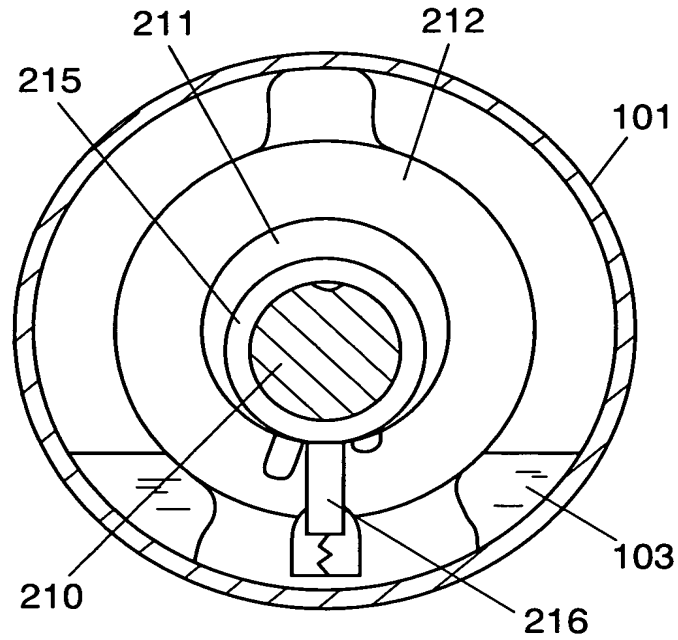
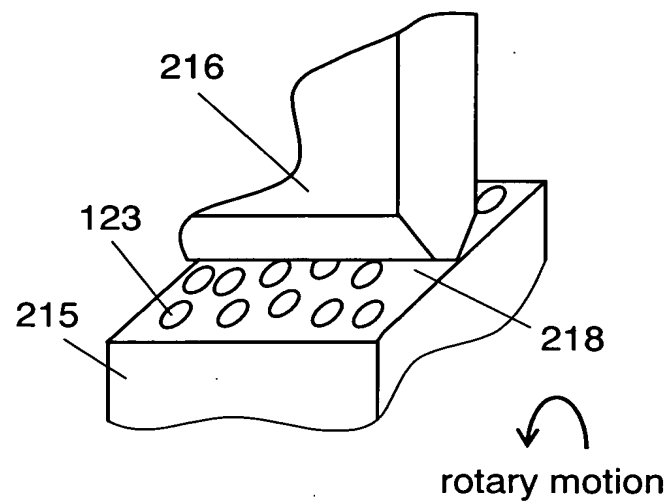


FIG. 19



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FIG. 20

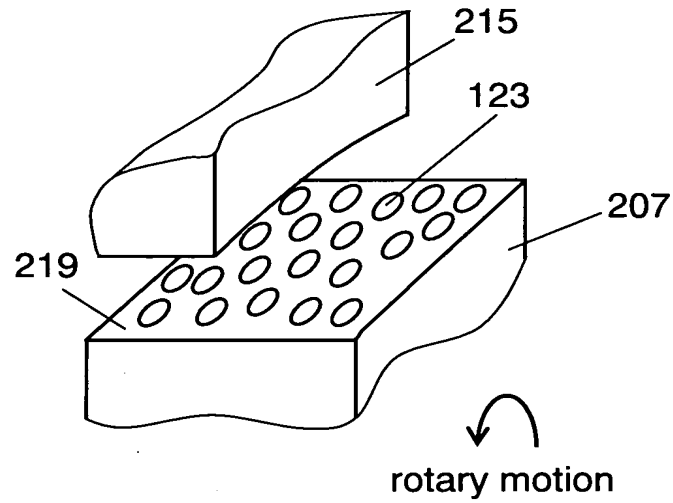


FIG. 21A

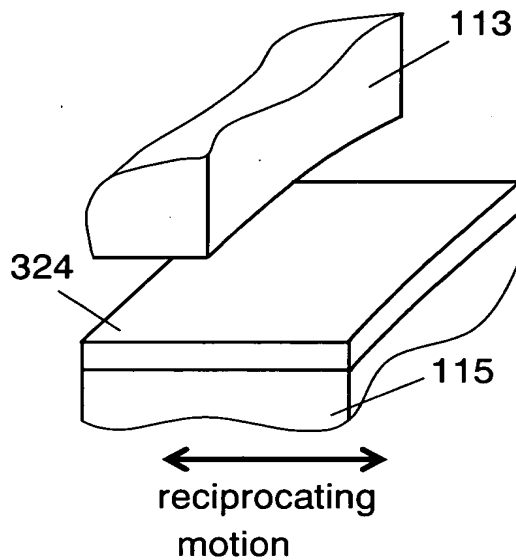
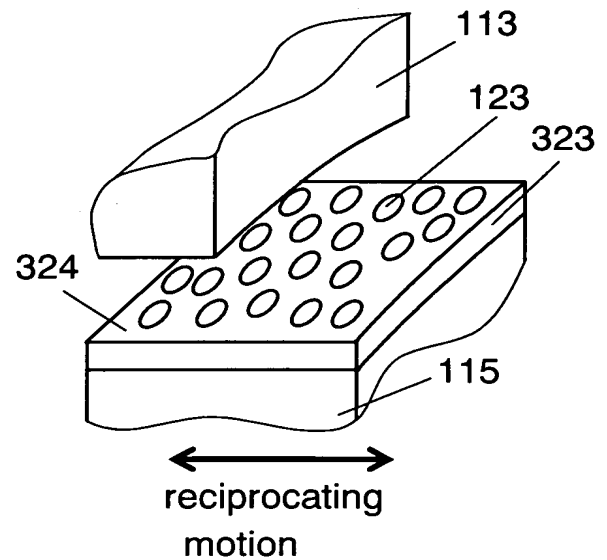


FIG. 21B



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FIG. 22

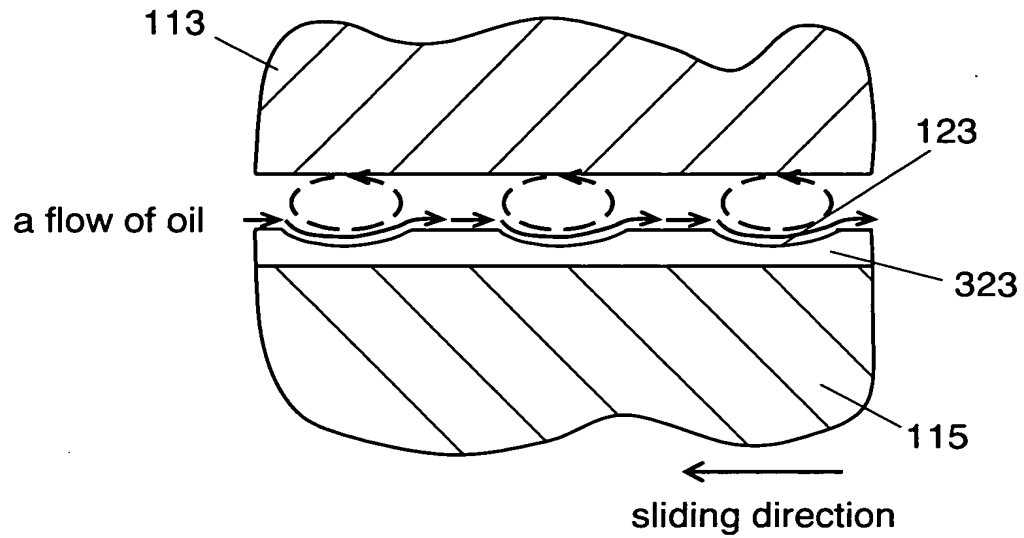


FIG. 23

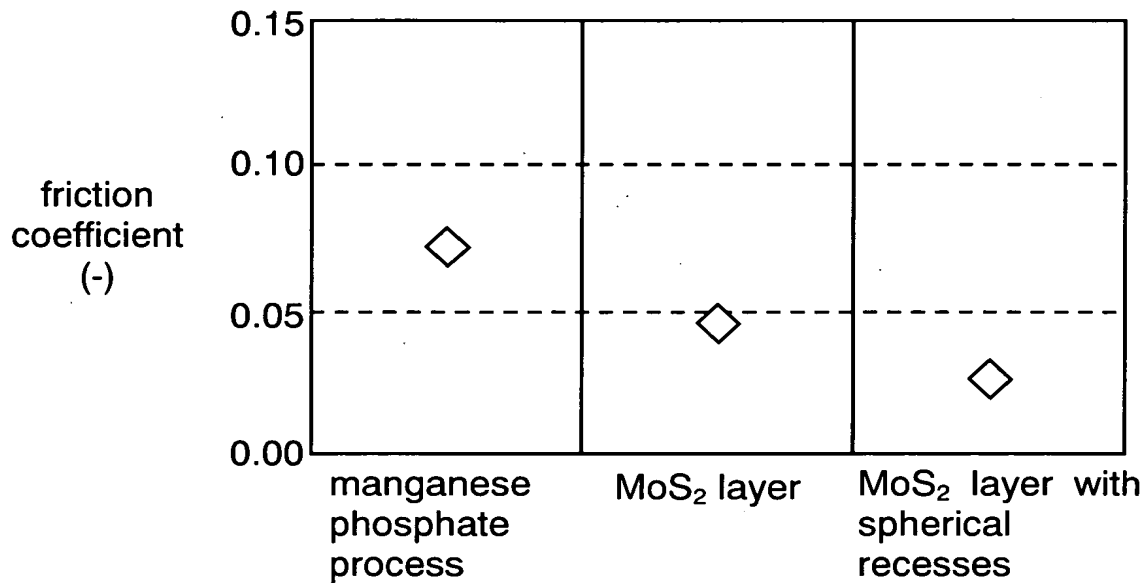
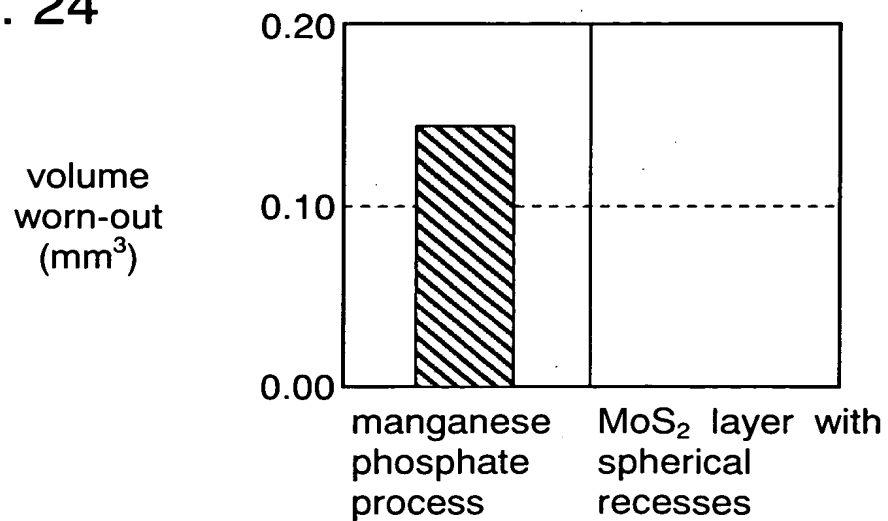


FIG. 24



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FIG. 25A

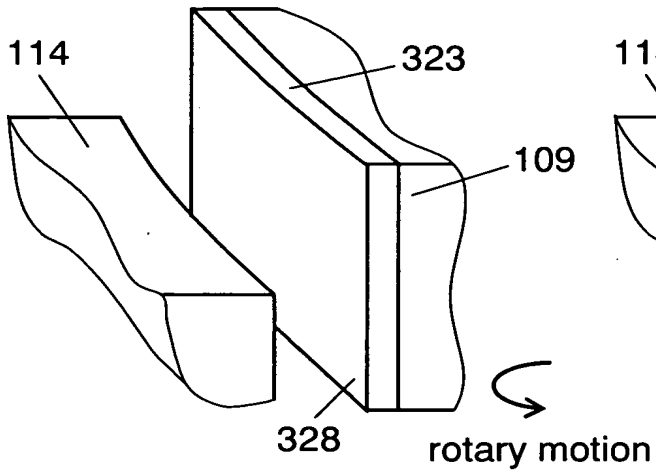


FIG. 25B

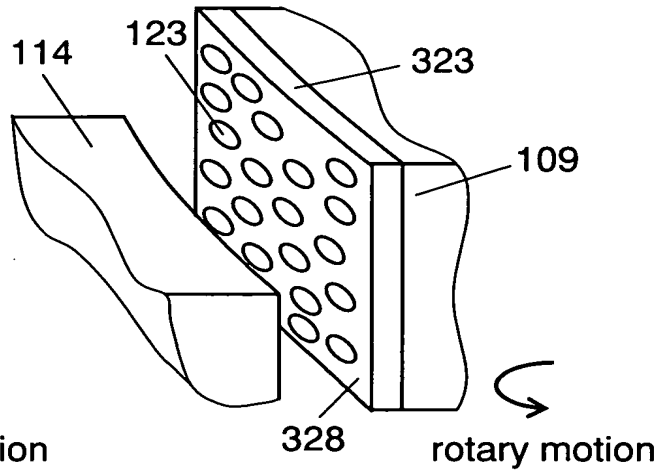


FIG. 26A

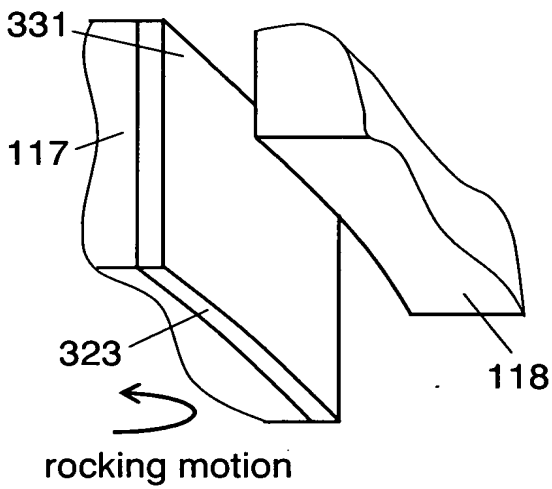


FIG. 26B

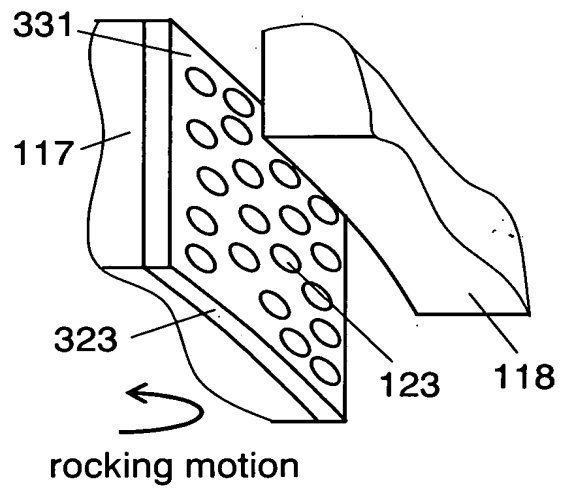


FIG. 27A

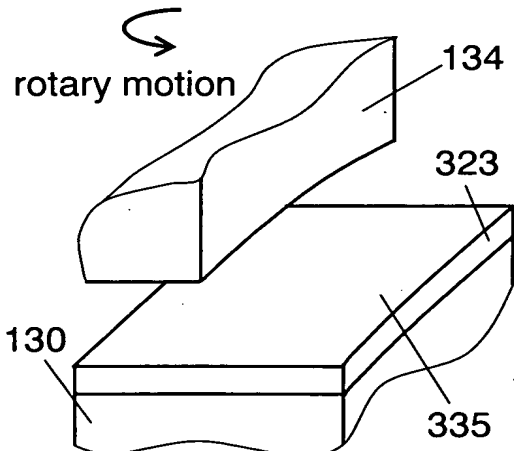
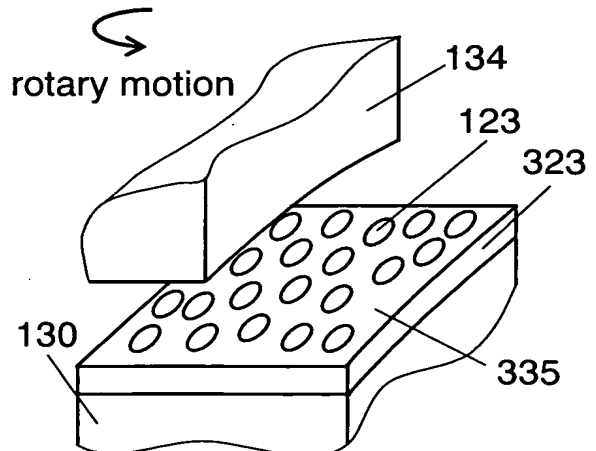


FIG. 27B



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FIG. 28

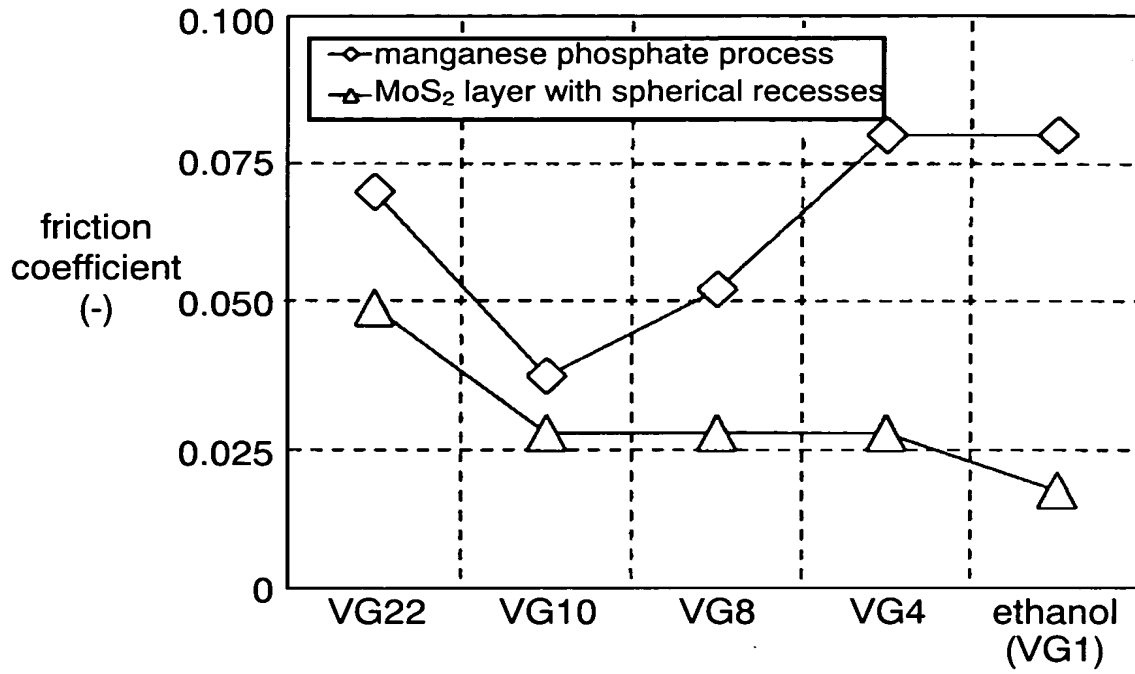
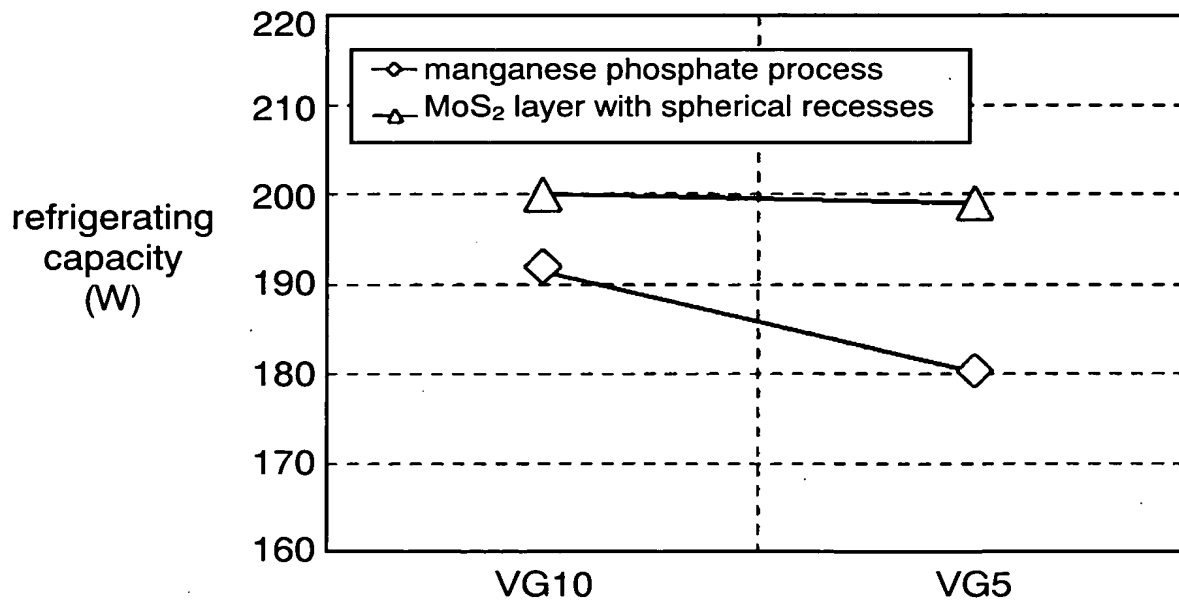


FIG. 29



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FIG. 30

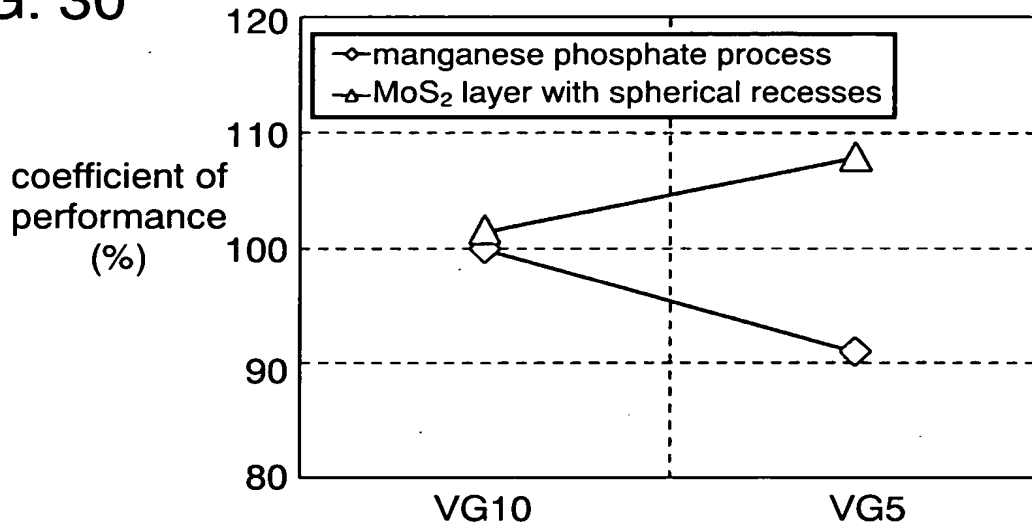


FIG. 31A

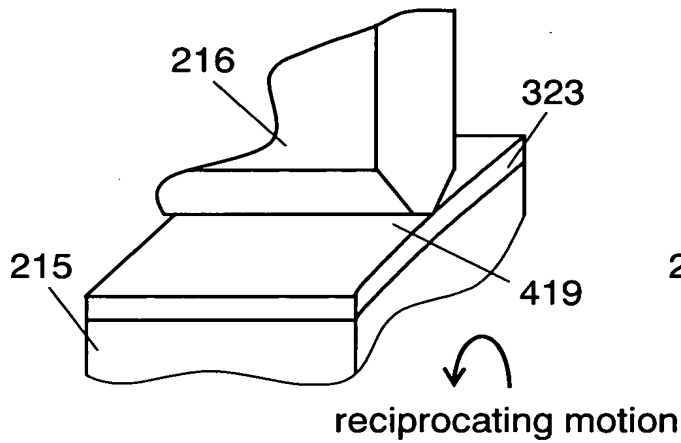


FIG. 31B

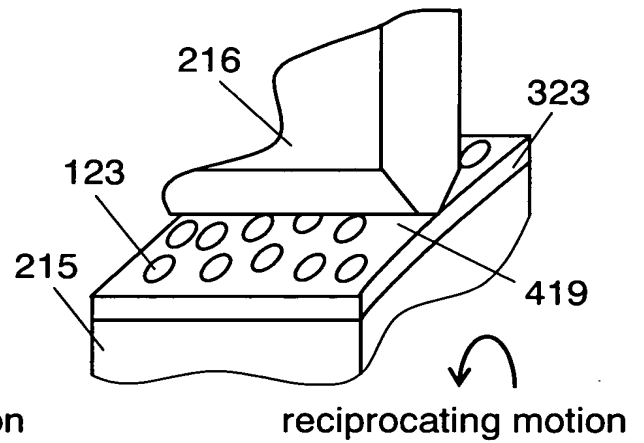


FIG. 32A

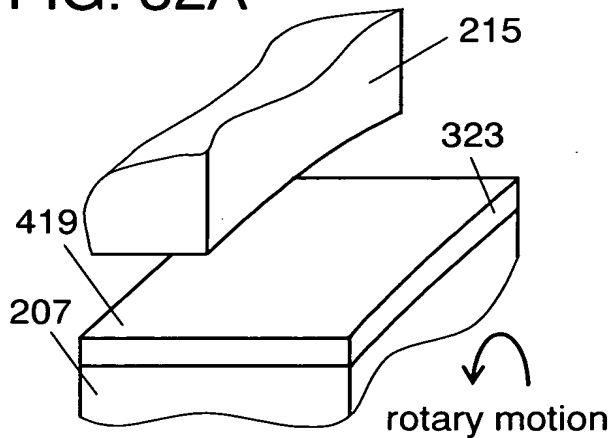
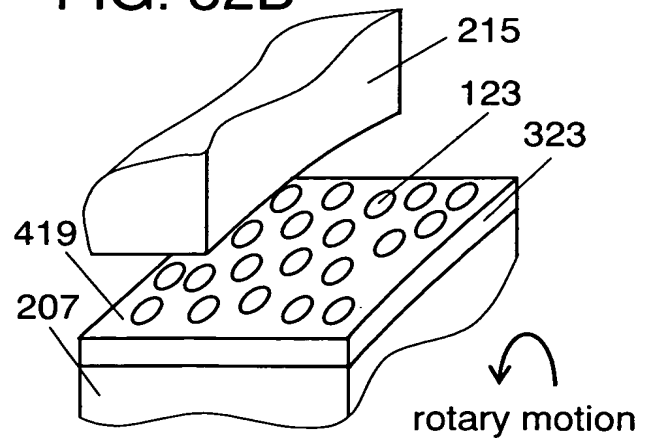


FIG. 32B



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FIG. 33

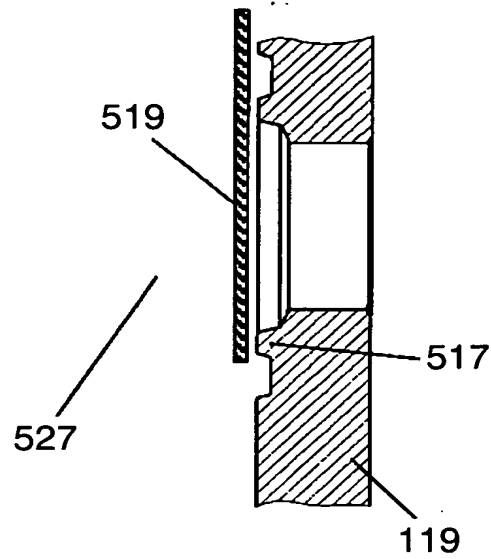
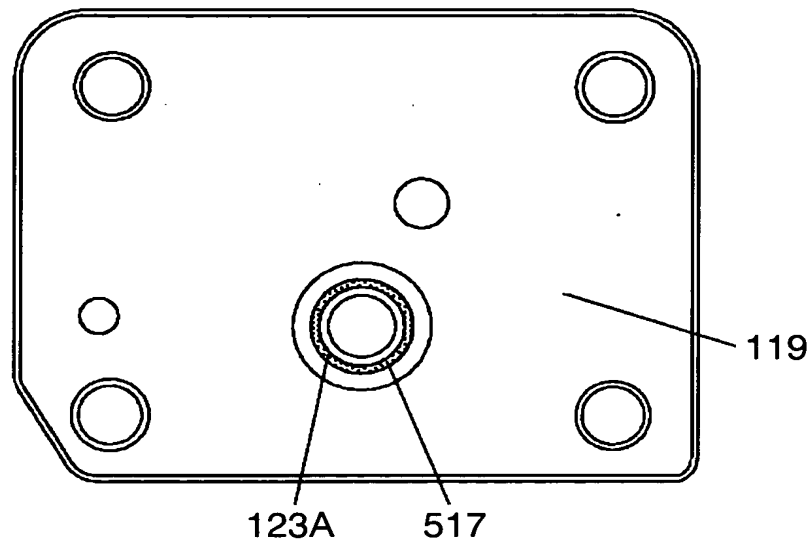


FIG. 34



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FIG. 35

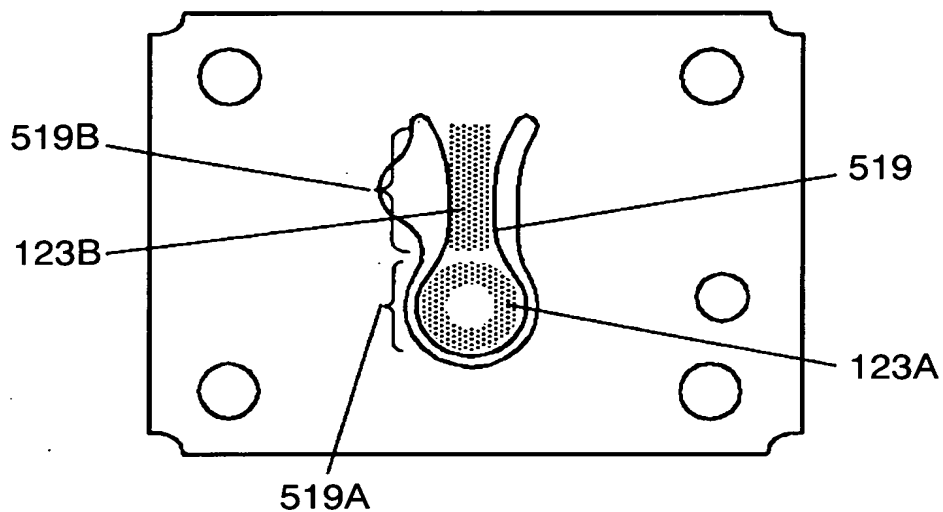


FIG. 36

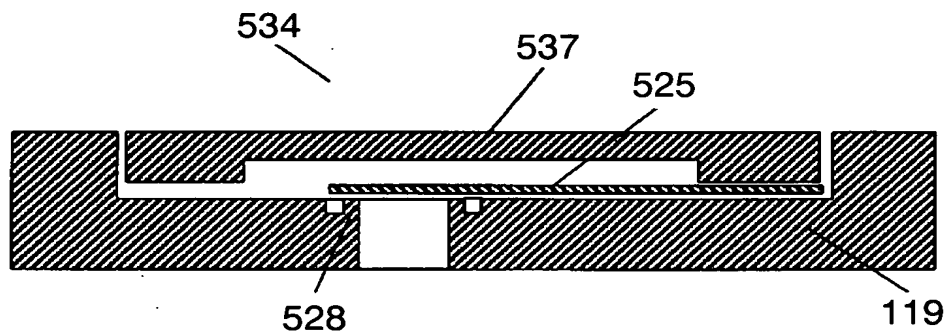
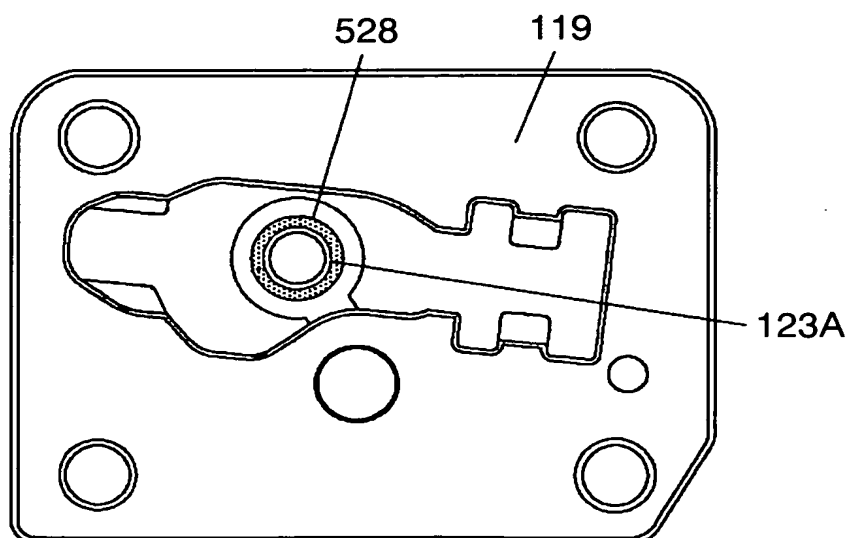


FIG. 37





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FIG. 38

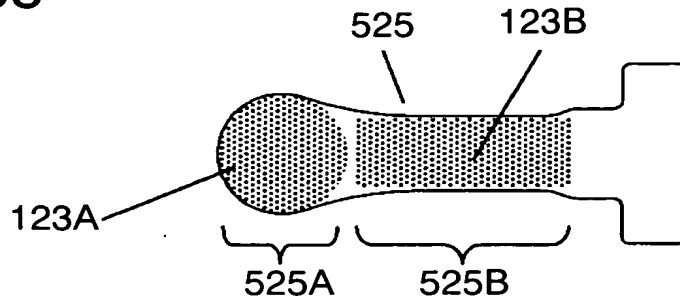


FIG. 39

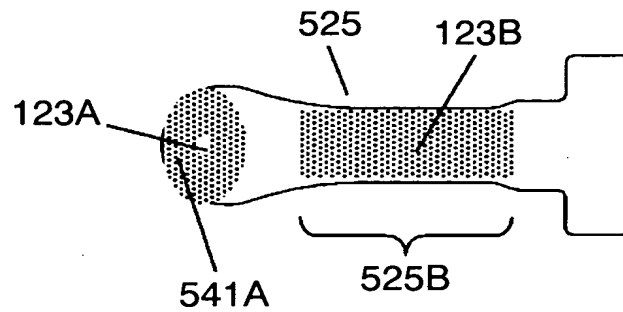


FIG. 40

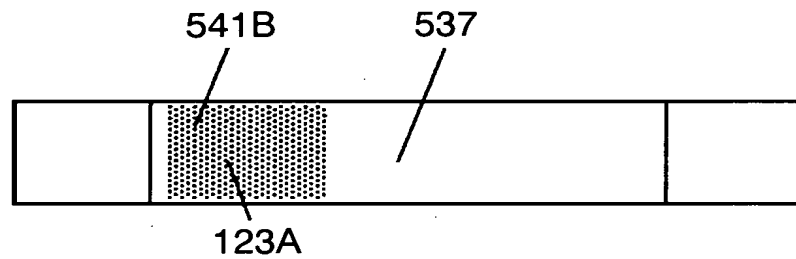
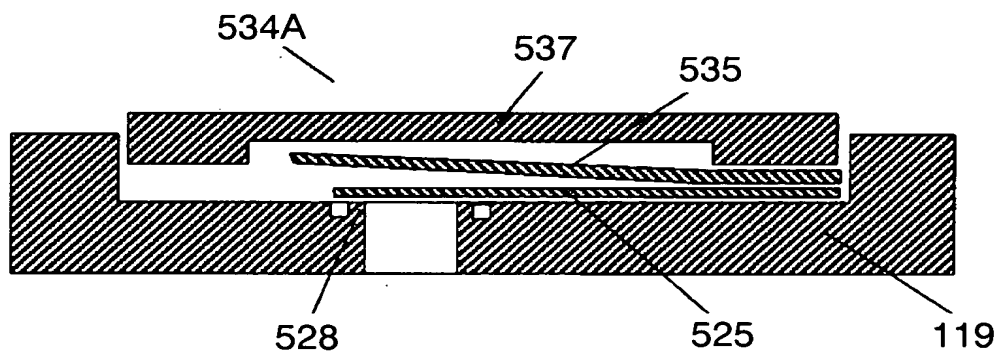


FIG. 41



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FIG. 42

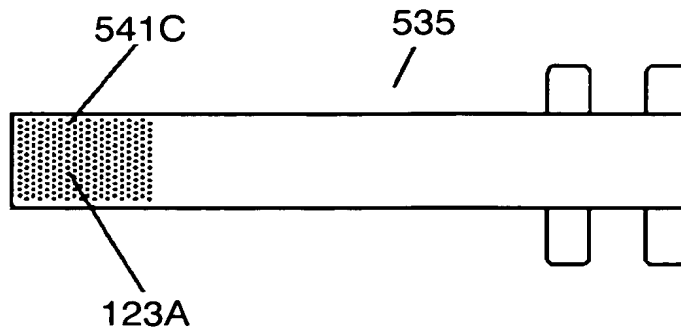


FIG. 43

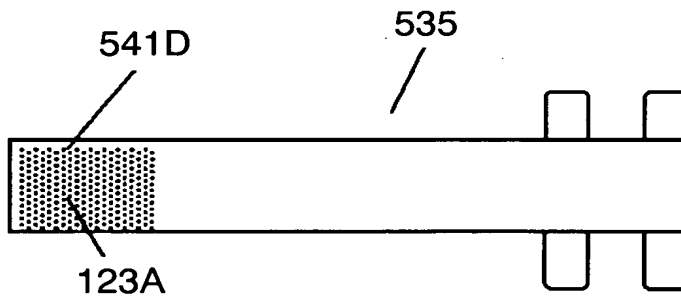
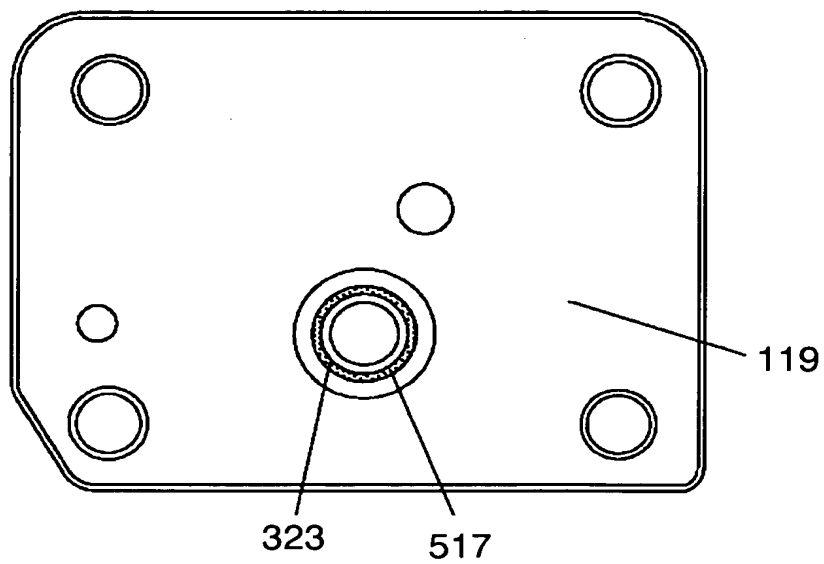


FIG. 44



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FIG. 45

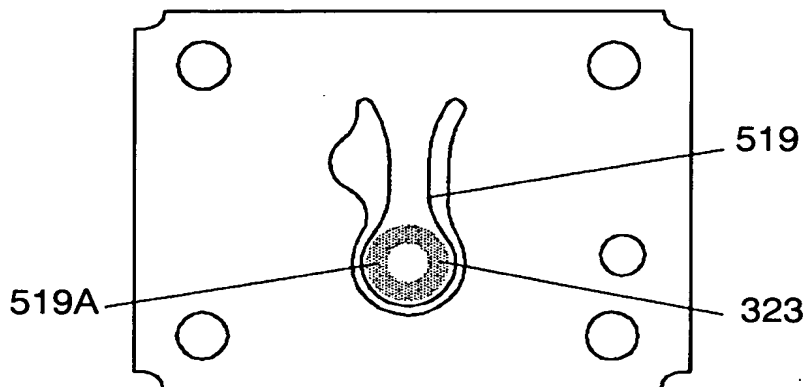


FIG. 46

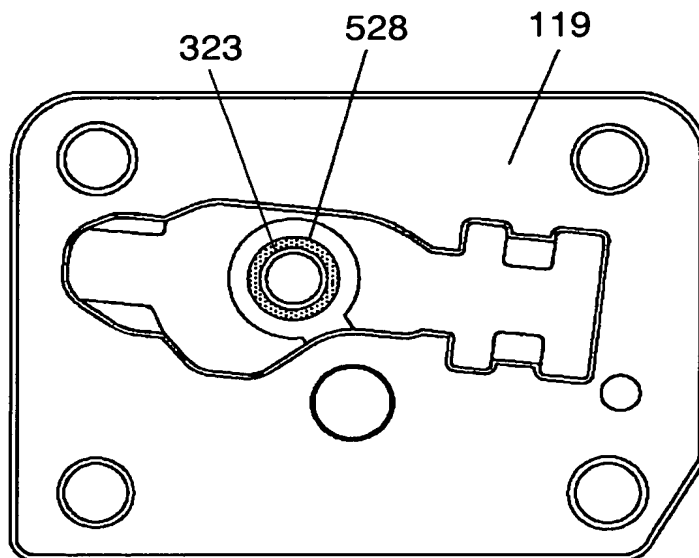


FIG. 47

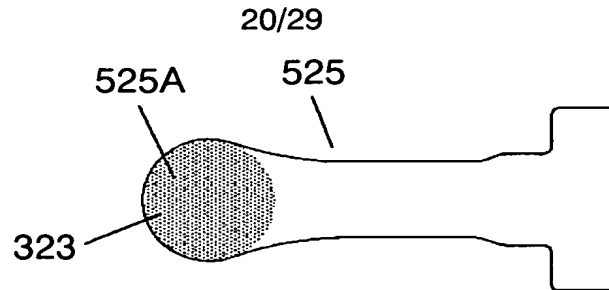


FIG. 48

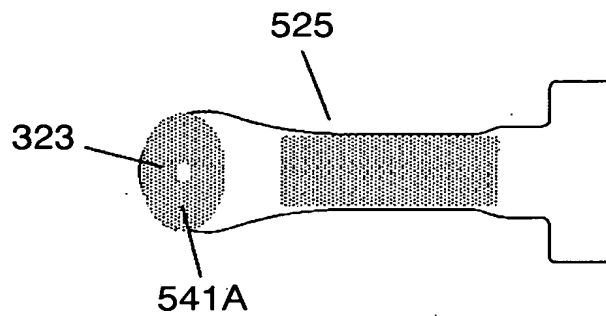


FIG. 49

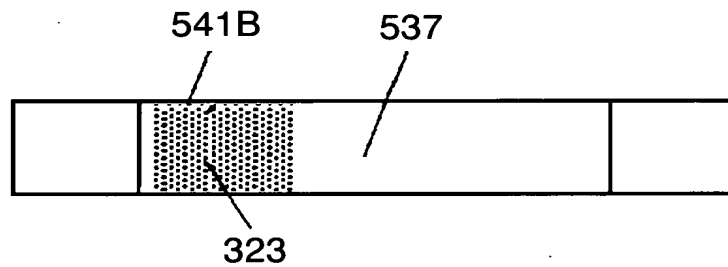


FIG. 50

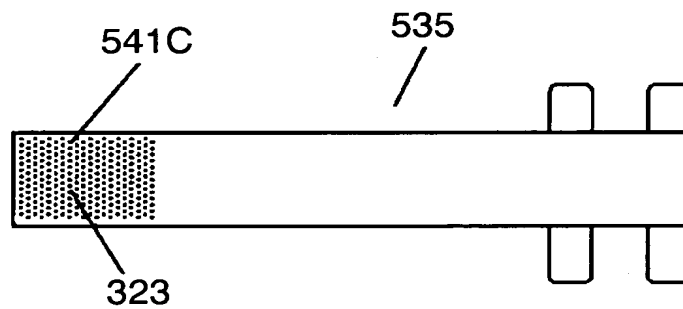
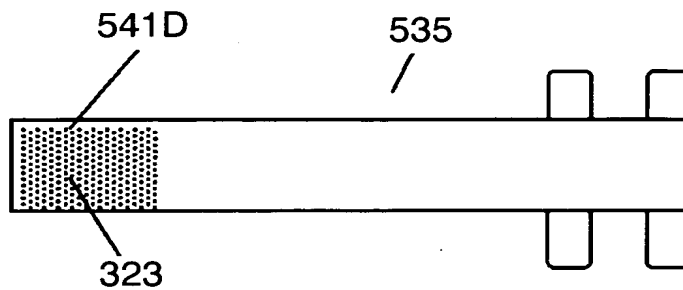


FIG. 51



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FIG. 52

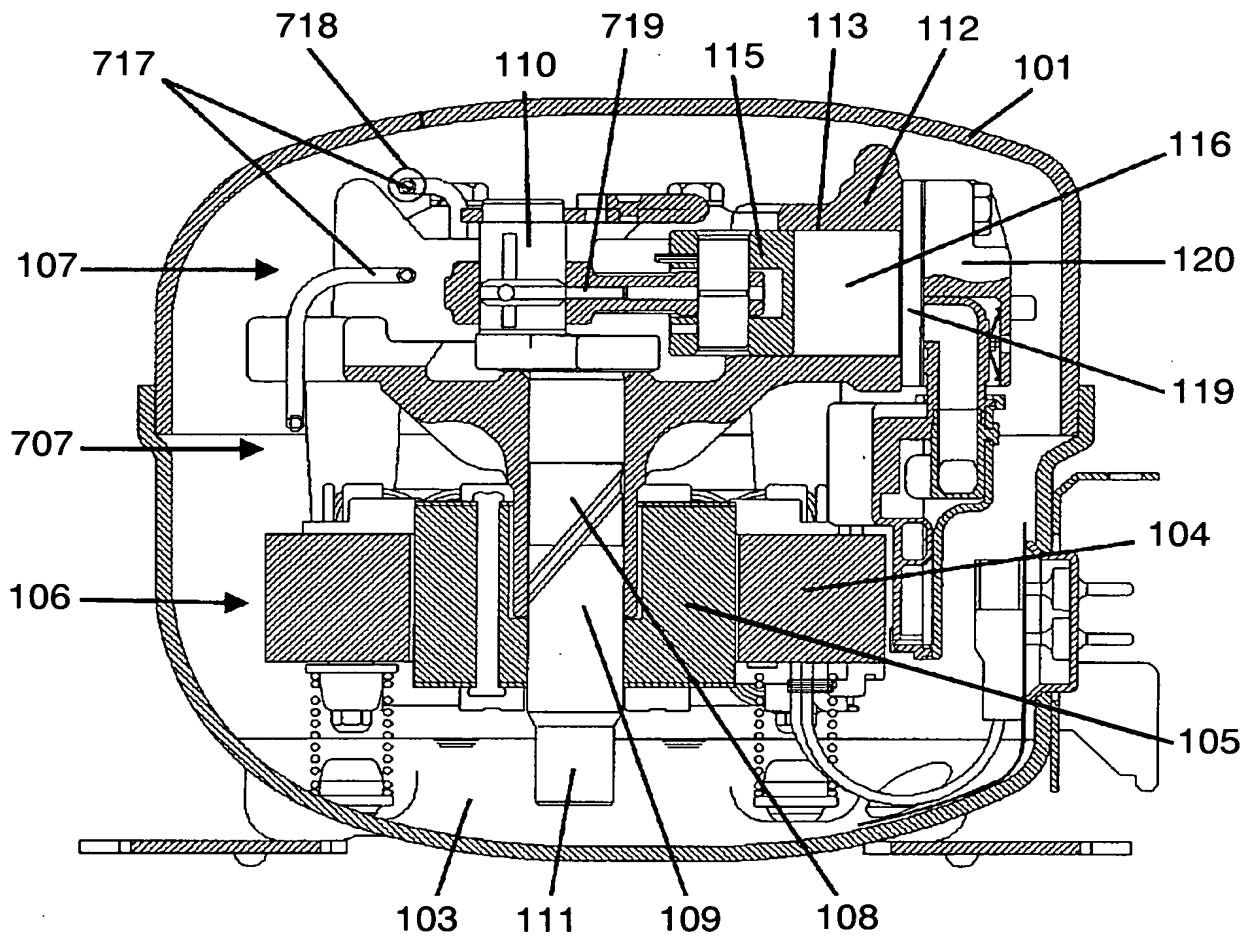
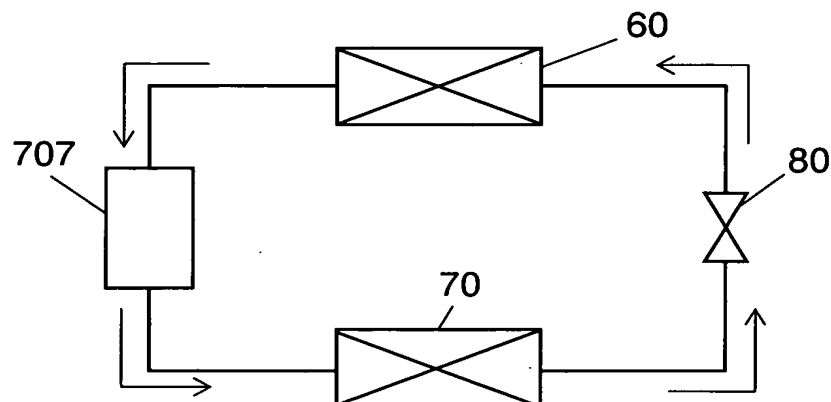


FIG. 53



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FIG. 54

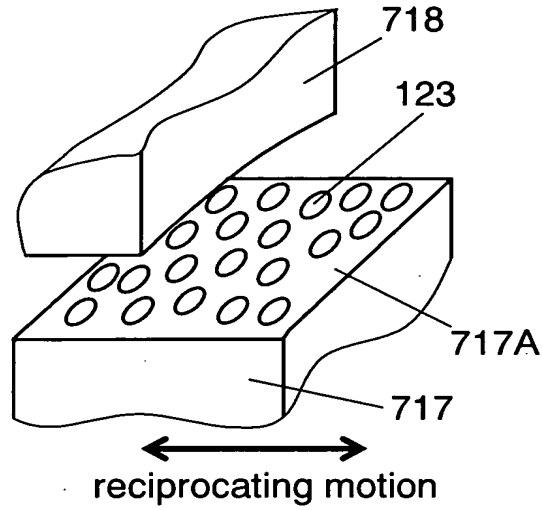


FIG. 55A

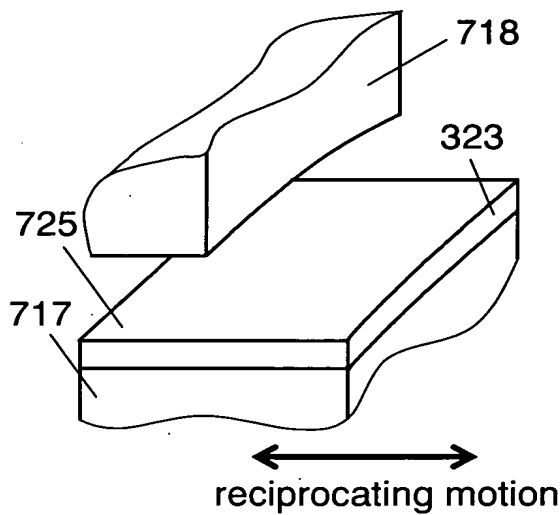
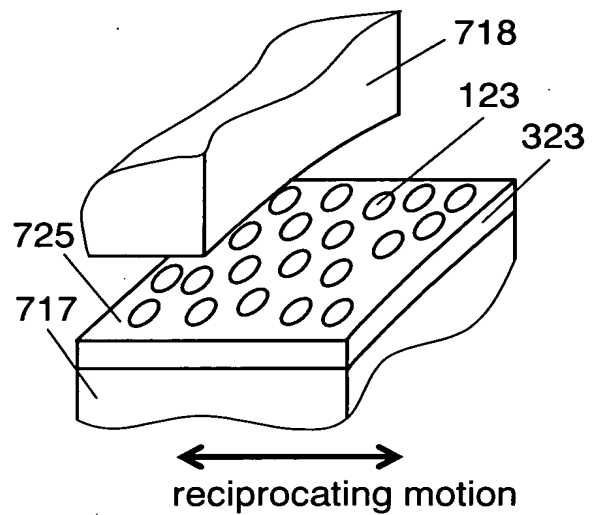
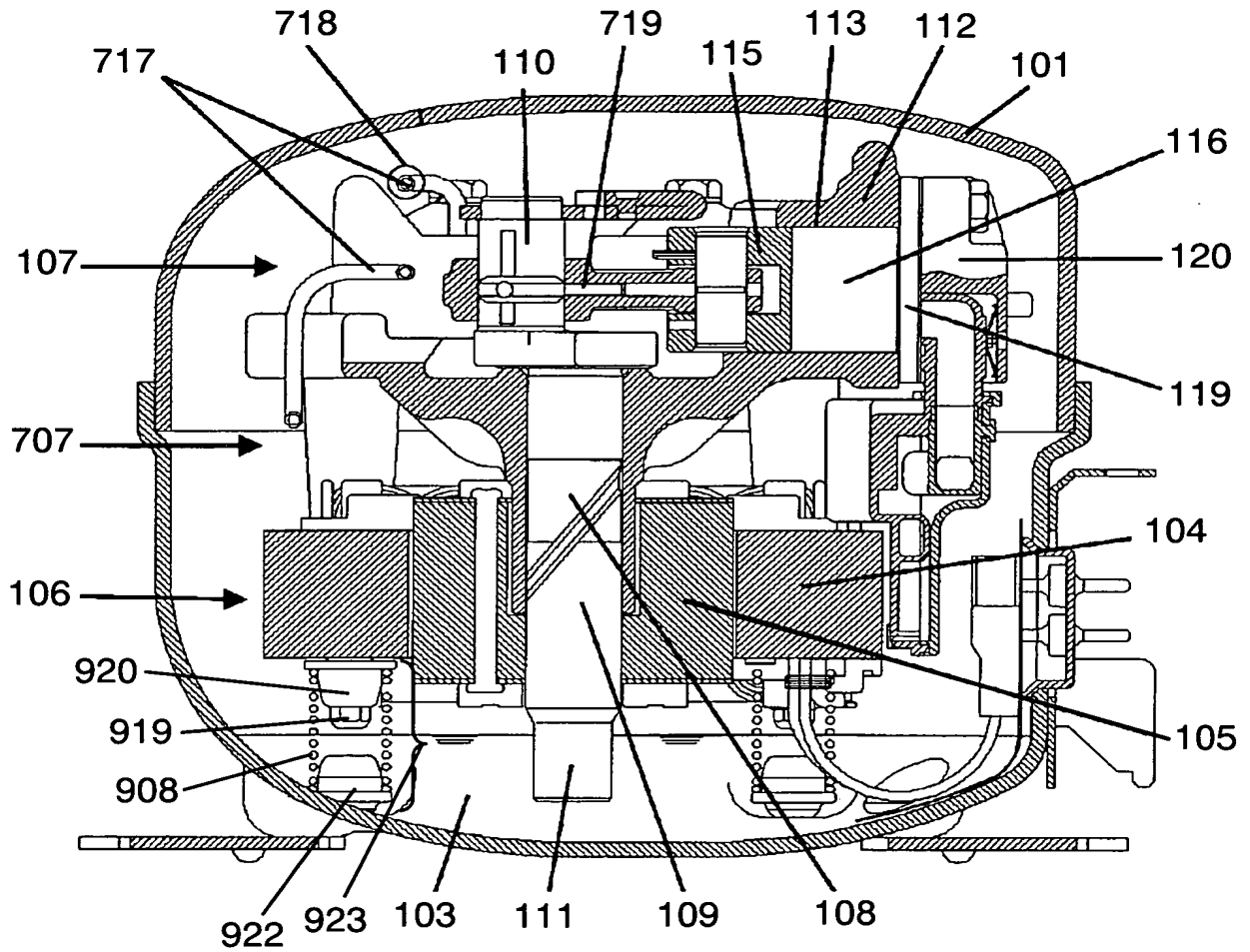


FIG. 55B



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FIG. 56



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FIG. 57A

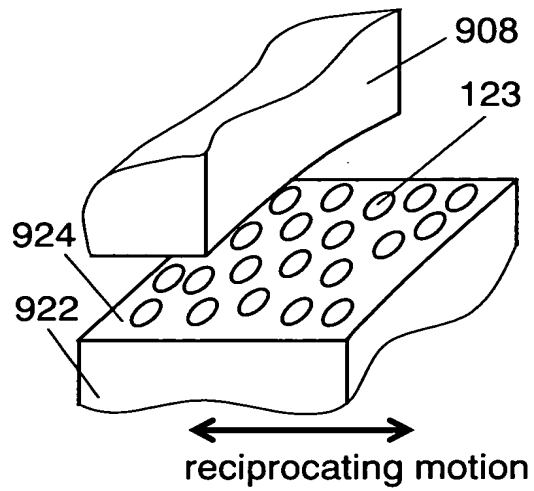


FIG. 57B

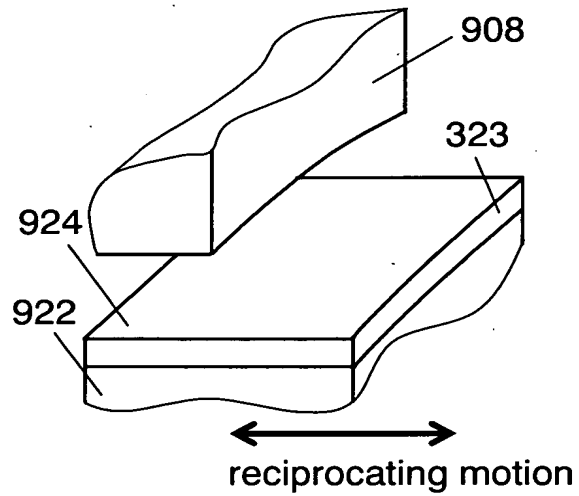
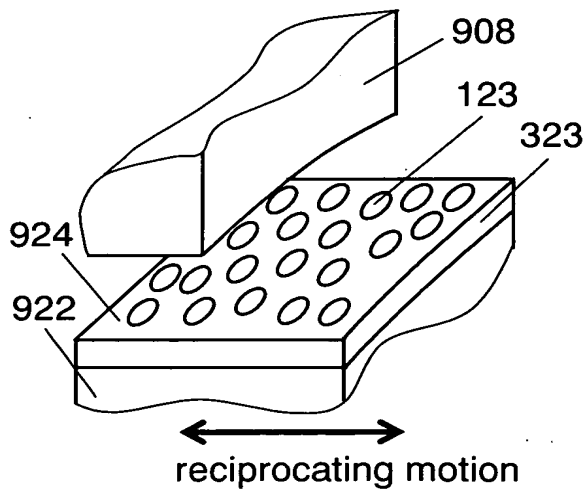


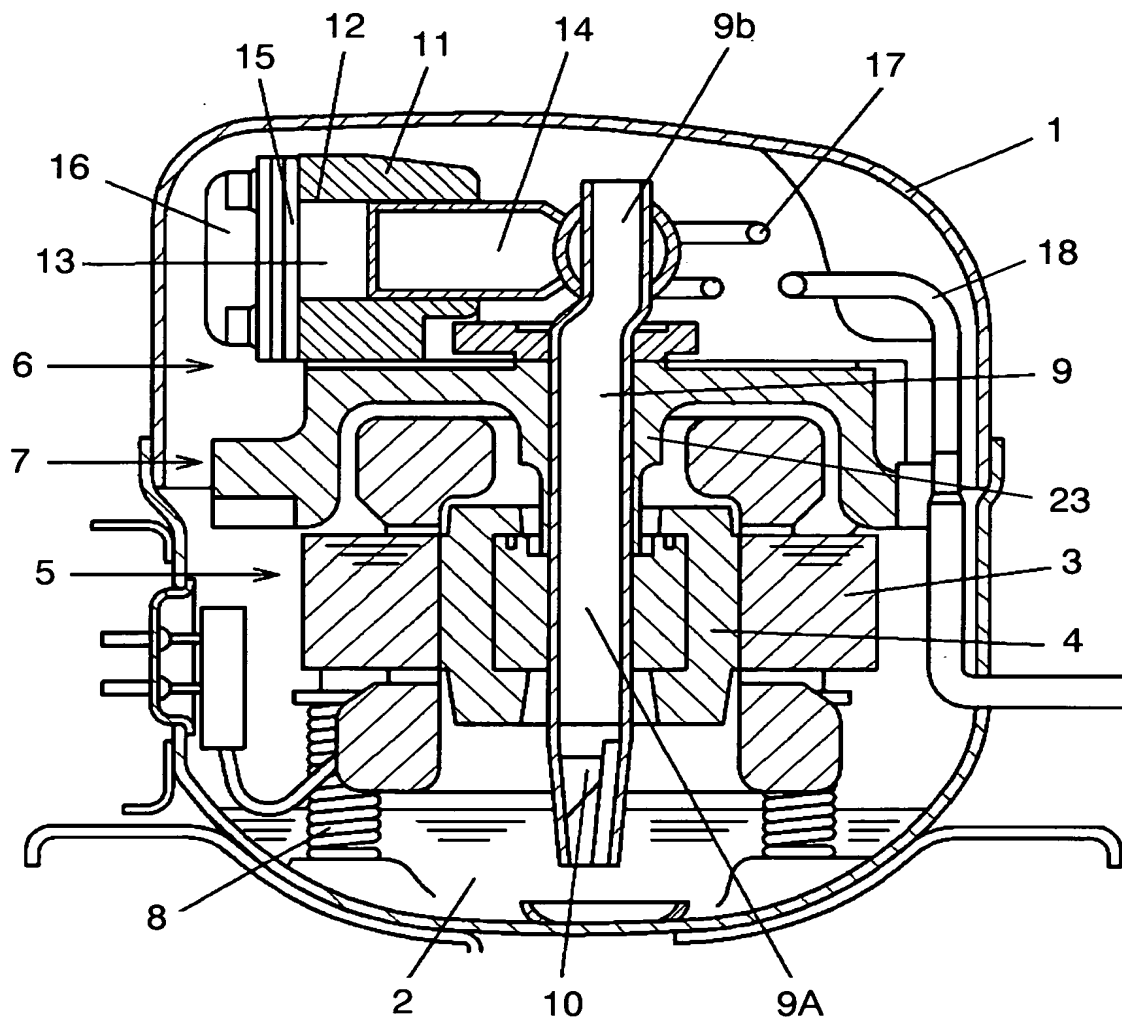
FIG. 57C





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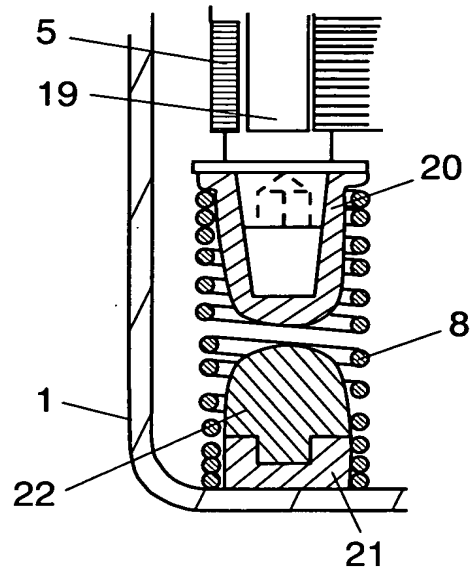
FIG. 58



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FIG. 59



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List of Reference Marks in the Drawings.

- 1 closed container
- 2 oil
- 3 stator
- 4 rotor
- 5 motor section
- 6 compressor section
- 7 compressor unit
- 8 compression coil spring
- 9 crankshaft
- 9A main shaft
- 9B eccentric section
- 10 lubricating pump
- 11 cylinder block
- 12 bore
- 13 compressing room
- 14 piston
- 15 valve plate
- 16 head
- 17 discharging path
- 18 pipe
- 19 stator fastening bolt
- 20, 22 holder
- 21 projection
- 23 bearing
- 60, 70 heat exchanger
- 90 expansion valve
- 100 refrigerant compressor
- 101 closed container
- 102 refrigerant gas
- 103 oil
- 104 stator
- 105 rotor
- 106 motor section
- 107 compressor section
- 108 crankshaft

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- 109 main shaft
- 110 eccentric section
- 111 lubricating pump
- 112 cylinder block
- 113 bore
- 114 bearing
- 115 piston
- 115A, 125, 127, 130A sliding face
- 116 compressing room
- 117 piston-pin
- 118 connecting rod
- 119 valve plate
- 120 head
- 121 suction tube
- 122 suction muffler
- 123, 123A, 123B fine recess
- 130, 137, 139 thrust section
- 132, 136 flange face
- 134 thrust washer
- 135 thrust bearing
- 200 refrigerant compressor
- 205 compressor section
- 207 eccentric section
- 208 main shaft
- 209 sub-shaft
- 210 shaft
- 211 compressing room
- 212 cylinder
- 213 main bearing
- 214 sub-bearing
- 215 piston
- 216 vane
- 217 oil pump
- 218, 219 sliding face
- 220 discharging path
- 323 mixed layer

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324, 328, 331, 335 sliding face  
419 sliding face  
517 suction valve port  
519 suction movable valve  
519B arm  
525 discharging movable valve  
525A sealing section  
525B arm  
527 suction valve device  
528 discharging valve port  
534, 534A discharging valve device  
535 backup lead  
537 stopper  
541A, 541B, 541C, 541D striking section  
707 compressor unit  
717 discharging path  
717A, 725 contact face  
718 coil spring  
719 connecting rod  
908 compression coil spring  
919 stator fastening bolt  
920, 922 holder  
923 supporting section  
924 contact face